Mohsin Naseer

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Education

National University of Modern Languages   September 2020 – June 2024
Bachelor in Computer Science - CGPA 3.11

Experience

Flutter Developer – LinkHR, Rawalpindi   Mar 2024 – June 2024
- Collaborated with cross-functional teams to design and implement frontend features, ensuring high-quality code standards.
- Developed RESTful APIs and seamlessly integrated third-party services.
- Implemented robust authentication and authorization mechanisms for enhanced security.

Hackathon Participant - Challenging Hate, Media Matters for Democracy   June 2023
- Proposed an innovative app idea allowing users to register and book appointments with doctor.
- Collaborated in a team to develop the concept and pitch presentation.
- Demonstrated creativity and problem-solving skills in addressing mental health accessibility challenges.

Projects

Air-line Reservation System | Java, Servlet, MySQL   June 2024
- Developed an admin panel for managing flight details and viewing user and ticket information with integrated SQL queries.
- Implemented session-based user authentication for secure login and access.
- Designed a ticket booking system.

Assist Dysarthria App | Flutter, Dart, Flask API, Whisper model   March 2024
- Developed a Flutter app for dysarthria assistance, featuring audio recording, file selection, speech-to-text, and text-to-speech, with backend API integration for transcription and classification.

Video Editing App | Flutter, FFmpeg   October 2023
- Developed Video Editing app using Flutter, integrating FFmpeg for advanced video processing. The app allows users to trim, rotate, and crop videos, export edited videos, and save them to the gallery. It features real-time previews, intuitive editing controls, and smooth export processes.

Final Year Project | FastAPI, Streamlit, Python   May 2023 – May 2024
- Designed an Automated Video Editor utilizing FastAPI and Streamlit, empowering users to perform video editing tasks such as trimming, captioning, and summarizing. Integrated features include dynamic audio synchronization, text overlay capabilities, and automated video generation from textual prompts.

Technical

Languages: Java, Python, JavaScript, Dart
Frontend Development: Html, CSS, Flutter
Backend Development: Nodejs, Flask
Databases: MySQL, Mongodb, Firebase
Data Processing: Web Scraping (BeautifulSoup)
Tools & Platforms: AWS, Github